

Class with inverse property

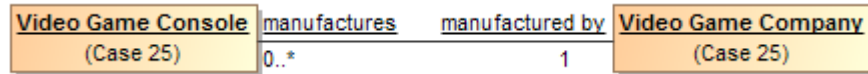


Figure 1: A class with inverse property.

```
Ontology(<http://nomagic.com/ontology/example-case/case-24>
  Declaration(
    ObjectProperty(:manufacturedBy)
  )
  ObjectPropertyDomain(:manufacturedBy :VideoGameConsole)
  ObjectPropertyRange(:manufacturedBy :VideoGameCompany)
  Declaration(
    ObjectProperty(:manufactures)
  )
  InverseObjectProperties(:manufacturedBy :manufactures)
  ObjectPropertyDomain(:manufactures :VideoGameCompany)
  ObjectPropertyRange(:manufactures :VideoGameConsole)
  Declaration(
    Class(:VideoGameCompany)
  )
  Declaration(
    Class(:VideoGameConsole)
  )
  SubClassOf(
    :VideoGameConsole
    ObjectIntersectionOf(
      ObjectMaxCardinality(1 :manufacturedBy :VideoGameCompany)
      ObjectMinCardinality(1 :manufacturedBy :VideoGameCompany)
    )
  )
  AnnotationAssertion(rdfs:label :VideoGameCompany "Video Game Company"@en)
  AnnotationAssertion(rdfs:label :VideoGameConsole "Video Game Console"@en)
  AnnotationAssertion(rdfs:label :manufacturedBy "manufactured by"@en)
  AnnotationAssertion(rdfs:label :manufactures "manufactures"@en)
)
```

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